

SEQUENCE LISTING

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FUERY, CAROLINE JANE
APPLEGATE, TANYA LYNN

<120> METHOD FOR DETECTION OF ALKYLATED CYTOSINE IN DNA

<130> 22238.0004

<140> 10/563,195

<141> 2006-04-03

<150> PCT/AU04/00900

<151> 2004-07-05

<150> 60/491,995

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<150> AU 2003903430

<151> 2003-07-04

<160> 15

<170> PatentIn version 3.5

<210> 1

<211> 80

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic Ecad80
oligonucleotide

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cgctgctgat tggctgtggc cggcaggtga accctcagcc aatcagcggc acgggggggcg 60

gtgctccggg gctcacctgg 80

<210> 2

<211> 27

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic AAL
oligonucleotide

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tgttttgggt gtgtatggtt tgggtgt 27

<210> 3

<211> 27

<212> DNA

<213> Artificial Sequence

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 oligonucleotide

<400> 3
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27

<210> 4
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 <222> (21)..(21)
 <223> 5'-methylcytosine

<220>
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 <222> (47)..(47)
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<220>
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60

80

<210> 5
 <211> 36
 <212> DNA
 <213> Artificial Sequence

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 attatattta aatatataaa atatatatta ataaat

36

<210> 6
 <211> 36
 <212> DNA
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 <400> 6
 atttattaat atatatttta tatattttaaa tataat 36

 <210> 7
 <211> 80
 <212> DNA
 <213> Artificial Sequence

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 Ecad80 (ASEcad80) oligonucleotide

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 gccacagcca atcagcacg 80

 <210> 8
 <211> 22
 <212> DNA
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 <223> Description of Artificial Sequence: Synthetic LP10
 looping probe

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 <210> 9
 <211> 23
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 <223> Description of Artificial Sequence: Synthetic LP26
 looping probe

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 gccccgggagc gaggggttcac ctg 23

 <210> 10
 <211> 24
 <212> DNA
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 looping probe

<400> 10
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<210> 11
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 <212> DNA
 <213> Artificial Sequence

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 antisense oligonucleotide

<400> 11
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<210> 12
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<220>
 <223> Description of Artificial Sequence: Synthetic substrate

<220>
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 <222> (6)..(6)
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<400> 12
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<400> 13
 ccaccgccc 9

<210> 14
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 Homo sapiens

<400> 14
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4

<210> 15
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<212> DNA
<213> Artificial Sequence

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<223> Description of Artificial Sequence: Synthetic 3ECAD11b primer

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18